



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.7912

Job Sheet 181419



Part No: 647.7912

Job Qty: 80 ea ²¹₉₋₈₉

Part Name: Clip



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/26/18

Job Tracking No:

Due Date: 9/10/18

Created By: Marie Lajeunesse

647.7912

Type: Stock

Description:

S101177

Note: DWG REV N/C SHEET 4 IPP REV:A 12.10.03 NEW ISSUE DD VERF:JFS

Ship Via:

REV:N/C

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	80 Ea	9/10/18	9/10/18	0.00	0.00	Start Up Waterjet		SS 18/08/19
110	Waterjet	80 pcs	9/10/18	9/10/18	0.00	4.44	Waterjet1		SC 18/08/19
120	QC	80 pcs	9/10/18	9/10/18	0.00	0.00	QC2 Waterjet-1		SC 18/08/19 DAS
130	QC	80 pcs	9/10/18	9/10/18	0.00	0.00	QC8-1		18-08-10 38
140	Brake NC	80 pcs	9/10/18	9/10/18	0.00	2.26	Brake NC 1		SC 18-08-10 DAS
150	QC	80 pcs	9/10/18	9/10/18	0.00	0.00	QC5		AUG 17 2018 38
160	Outsource	80 pcs	9/10/18	9/10/18			ATG001-VC	5	9-89
170	Packaging	80 pcs	9/10/18	9/10/18	0.00	0.00	Packaging2		SEP 04 2018
180	QC	80 pcs	9/10/18	9/10/18	0.00	0.00	QC5		SEP 05 2018 68
190	SprayPaint	80 pcs	9/10/18	9/10/18	0.00	1.94	Spray Paint		9-89
200	QC	80 pcs	9/10/18	9/10/18	0.00	0.00	QC14		
210	Packaging	80 pcs	9/10/18	9/10/18	0.00	0.00	Packaging3-1		SEP 07 2018
220	QC21-SA	80 Ea	9/10/18	9/10/18	0.00	0.00	QC21		DAS SEP 11 2018

Part Op 110 - 1-Cut as per Dwg Dwg Rev: ^{AKC} Prog Rev: ^{AKC} 2-Deburr if necessary
Descriptions: 160 - ISSUE P/O 040777 Hard Anodize, Color Black and Prime As Per Dwg. 647.7900
190 - PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2) CARDINAL 4860-50 PRIMER
BATCH: _____
210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.063	2024-T3 .063 Sheet	2.9520 sf (.0369 ea) 7.69	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M2024T3S.063	3	86	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Cross tube ☐	Water Jet ☐	Engineering ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Composite ☐	Supplier ☐	
Cross tube ☐	Water Jet ☐	Engineering ☐													
Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐													
Finishing ☐	Rec/Store/Packaging ☐	Other ☐													
Composite ☐	Supplier ☐														
Date : _____	Step #: _____		MRB (QSI042) Approval												
			Disposition												
			Completed By												
			Lead hand / Supervisor Approval Verification												
			QC / QA Coordinator Approval												

Dart Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 CANADA
 TEL: 1 813 632-5200
 Email: sales@dartaero.com
 www.dartaero.com

Date: 08/10/18

Container No: S101177
 Part: 647.7912
 Job No: 181419
 Serial No/Batch: S101177

Environn
 De
 Doc/C
 Equip/Tool
 Handling/
 Materi
 Internal Transport
 Tribal Knowledge
 LOA
 Substation
 Past Expiry Date
 Misidentified

DART
 AEROSPACE

Revision:
 Inspector:
 Exp Date:
 Instructions:

Use for Testing
 Poor Information
 Rushing
 Product Improvement
 Process Improvement
 Manufacturing Process
 Past Due

Cuffs
 Crushing
 Heat Treat
 Wave/Twist in Tube
 Marks/Chatter

Inspection Incomplete/Unqualified
 Contamination
 Countersink
 Cut Too Short
 Instructions Incomplete/Unclear
 Drill Holes

EGORY

☐ Power Loss/Surge	☐ Positioned Wrong
☐ Folio/Program	☐ Outside Dimensions
☐ Grain	☐ Over/Under tolerance
☐ Weld	☐ Part Incorrect
☐ Wrong Stock Pulled	☐ Part Lost/Missing
☐ Out of Sequence	☐ Part Moved
☐ Off-set	☐ Drawing
☐ Mislabeled	☐ Finish
☐ Fit/Function	☐ Misread
☐ Misaligned/off center	☐ Turning Sequence

OTHER : _____

DART AEROSPACE LTD		Work Order:	181419
Description: CLP		Part Number:	647-7912
Inspection Dwg: 647792	Rev: N/C		Page 1 of 1

INSPECTION SHEET

[illegible]

Measured by:	Sc	Checked by:		QC Inspector:	
Date:	18/08/09	Date:		Date:	

Engineering Approval: (If necessary)		Date:	
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Rev	Date	Change	Revised by	Approved
A	14.07.31	New Issue	KJ	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____

Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			

Date : _____	Step #: _____	QTY Effective : _____	MRB (QS1042) Approval
--------------	---------------	-----------------------	-----------------------

Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐				



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040777**

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO040777
PO Date: 8/20/18
Due Date: 9/7/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula
Phone:
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	181419	647.7912	Clip ISSUE P/O: _____ Hard Anodize, Color Black and Prime As Per Dwg. 647.7900	Firmed	-	9/7/18	100 pcs	0 pcs	100 pcs	\$9.35/pcs	\$935.00
2	181352	647.1914	Bracket Issue P/O to ATG : _____ 1- Black Anodize as per Dwg 647.1900	Firmed	-	9/7/18	40 pcs	0 pcs	40 pcs	\$9.15/pcs	\$366.00
3	181391	647.1915	Support Angle Issue P/O to ATG : _____ 1- Black Anodize as per Dwg 647.1900 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed	-	9/7/18	30 pcs	0 pcs	30 pcs	\$11.45/pcs	\$343.50
4	181389	647.1913	Tee Issue P/O to ATG : _____ 1- Black Anodize as per Dwg 647.1900 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed	-	9/7/18	45 pcs	0 pcs	45 pcs	\$11.45/pcs	\$515.25

CC

Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	178869	C10-1	Side Plate Solenoid Side -Issue P/O to ATG : -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	8/27/18	4 pcs	0 pcs	4 pcs	\$16.40/pcs	\$65.60
4 X AUG 24 2018											
Line Item Note **big, big rush**											
6	178871	C10-2	Side Plate - MRK -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed	-	8/27/18	4 pcs	0 pcs	4 pcs	\$16.40/pcs	\$65.60
4 X AUG 24 2018											
Line Item Note **Big, big rush**											
7	181358	647.1811	Spacer ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	Firmed	-	9/7/18	50 pcs	0 pcs	50 pcs	\$6.90/pcs	\$345.00
50 X AUG 31 2018											
Grand Total:											\$2,635.95

Order Notes

Procurement Quality Clauses
 A005 right of entry
 A012 chemical and physical test report
 A016 personnel qualification
 A017 raw material identification (as applicable)

A022 Apical Processing
 A024 process certifications
 A026 certification of material conformance

A041 quality management system
 A042 dart notification by supplier
 A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 915935

Date: 04-Sep-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
100 ea	Part: 647.7912 Clip Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.001" (.6 - .9 mils) per drawing. Job: 23615	Rev: NC	PO: PO040777 Line: 1
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>9/9/18</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada.			